

Sentera unveils SmartScript™ Weeds with Enhanced Features for 2025

22 January 2025 | News

Solid foundation for expansion into areas such as disease and fertility management



Solid foundation for expansion into areas such as disease and fertility management

Sentera, a global leader in scalable precision agriculture solutions, announced key updates to its Aerial WeedScout platform, including a rebranding to SmartScript™ for the 2025 growing season. Sentera is committed to empowering farmers to optimize their operations with actionable insights.

SmartScript™ Weeds more accurately reflects the platform's advanced remote sensing capabilities and positions Sentera for continued growth, providing a solid foundation for expansion into areas such as disease and fertility management. The rebranding also highlights the intelligent new features and product enhancements for the 2025 season, including weed classification, weed size detection, stand counts, and seamless integration with John Deere Operations Center and other third-party tools—further enhancing weed control and operational efficiency for farmers and their advisors.

Brian Wengatz, CEO of Sentera said "2024 Early Access Program which saw significant advancements in remote-sensing capabilities. These enhancements are set to further enable more targeted, effective and scalable weed control strategies through delivering even more timely and precise weed status insights that inform spraying decisions, improve operator efficiency, and lower input costs."

Precision Weed Management Redefined: Know Before You Spray

The enhanced SmartScript Weeds platform is designed to optimize herbicide usage, enhance weed control and support sustainable farming practices. By precisely classifying and measuring weed size, the system allows for targeted herbicide applications and includes a tank fill guide, significantly cutting costs and reducing environmental impact. This precision not only enhances weed management strategies in the fight against resistant species but also improves sprayer logistics and field prioritization, ensuring that farmers are equipped for optimal field management and that advisors are equipped with the insights they need to deliver the best recommendations to their customers.

Unparalleled Data Collection and Insights Reporting

Capable of collecting data at speeds exceeding 100 acres per hour, SmartScript ensures comprehensive field coverage with unparalleled speed and accuracy. The newly introduced Insights Report feature, accessible via Sentera's FieldAgent platform, provides detailed operation and field-level insights in a downloadable PDF format. This rapid data collection and reporting is crucial for timely interventions, which are key in controlling the spread of resistant weeds and maintaining optimal crop health as well as aiding in strategic planning for upcoming seasons.